

RAW SEQUENCE LISTING

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Application Serial Number: 10/537,555
Source: 1FwP
Date Processed by STIC: 6/20/06

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/537,555

DATE: 06/20/2006
TIME: 12:29:55

Input Set : E:\WO800.ST25.txt
Output Set: N:\CRF4\06202006\J537555.raw

3 <110> APPLICANT: Applied Research Systems ARS holding N.V.
 5 <120> TITLE OF INVENTION: Novel IFNgamma-like Polypeptides
 7 <130> FILE REFERENCE: WO800
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/537,555
 C--> 9 <141> CURRENT FILING DATE: 2005-06-03
 9 <160> NUMBER OF SEQ ID NOS: 158
 11 <170> SOFTWARE: PatentIn version 3.1
 13 <210> SEQ ID NO: 1
 14 <211> LENGTH: 360
 15 <212> TYPE: DNA
 16 <213> ORGANISM: Homo sapiens
 18 <400> SEQUENCE: 1
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 21 atatgtgacc ttttagatag agaattcaaa atagctgtgt tgaggaaact caaaaaatat 120
 23 caagatgata cagagaagaa gttcagaatt ctatcagata aatttaacaa agagattgaa 180
 25 atattaaaaaa ataatcaagc agaaattctg gagctgaaaa atttgactgg aataactgaag 240
 27 aatgtgccag ggtctttaa tagcagaatt gatggagcaa aaggaagaat tagtaagcct 300
 29 gaagacaggt tatttgaaaa tacacagagg agacaaaaga aaaggaataa aaaaaatga 360
 32 <210> SEQ ID NO: 2
 33 <211> LENGTH: 118
 34 <212> TYPE: PRT
 35 <213> ORGANISM: Homo sapiens
 37 <400> SEQUENCE: 2
 39 Met Thr Ser Pro Asn Lys Leu Asn Lys Leu Pro Gly Thr Asn Pro Gly
 40 1 5 10 15
 43 Glu Thr Glu Ile Cys Asp Leu Leu Asp Arg Glu Phe Lys Ile Ala Val
 44 20 25 30
 47 Leu Arg Lys Leu Lys Tyr Gln Asp Asp Thr Glu Lys Lys Phe Arg
 48 35 40 45
 51 Ile Leu Ser Asp Lys Phe Asn Lys Glu Ile Glu Ile Leu Lys Asn Asn
 52 50 55 60
 55 Gln Ala Glu Ile Leu Glu Leu Lys Asn Leu Thr Gly Ile Leu Lys Asn
 56 65 70 75 80
 59 Val Pro Gly Ser Phe Asn Ser Arg Ile Asp Gly Ala Lys Gly Arg Ile
 60 85 90 95
 63 Ser Lys Pro Glu Asp Arg Leu Phe Glu Asn Thr Gln Arg Arg Gln Lys
 64 100 105 110
 67 Lys Arg Asn Lys Lys Lys
 68 115
 71 <210> SEQ ID NO: 3
 72 <211> LENGTH: 414
 73 <212> TYPE: DNA
 74 <213> ORGANISM: Homo sapiens

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 79 atatgtgaca tttcagacag agaattcaaa atagcttgcaggaaact caaagaaaatt 120
 81 caagataata cggagaagga actcagaatt ctatcagata aatttaacaa ggagattgaa 180
 83 atgattaaaa agaaccaagc agaaattctg gagctaaaaa atgcaggtgg catattgaaa 240
 85 atgcatacaga gttggctggg catggctggc cacgcctgta atcccagtac tttgggaagc 300
 87 cgaggtgggt ggtacacgag ttcaggagtt caagaccagc ctggccaagg cagtgaaacc 360
 89 tcatctctac taaaaataca aaaatttagt gggtgcagtg gcaggcacct gtaa 414
 92 <210> SEQ ID NO: 4
 93 <211> LENGTH: 136
 94 <212> TYPE: PRT
 95 <213> ORGANISM: Homo sapiens
 97 <400> SEQUENCE: 4
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 103 Glu Thr Glu Ile Cys Asp Ile Ser Asp Arg Glu Phe Lys Ile Ala Leu
 104 20 25 30
 107 Leu Lys Leu Lys Glu Ile Gln Asp Asn Thr Glu Lys Glu Leu Arg
 108 35 40 45
 111 Ile Leu Ser Asp Lys Phe Asn Lys Glu Ile Glu Met Ile Lys Lys Asn
 112 50 55 60
 115 Gln Ala Glu Ile Leu Glu Leu Lys Asn Ala Gly Gly Ile Leu Lys Met
 116 65 70 75 80
 119 His Gln Ser Trp Leu Gly Met Val Ala His Ala Cys Asn Pro Ser Thr
 120 85 90 95
 123 Leu Gly Ser Arg Gly Gly Trp Ile Thr Ser Ser Gly Val Gln Asp Gln
 124 100 105 110
 127 Pro Gly Gln Gly Ser Glu Thr Ser Ser Leu Leu Lys Ile Gln Lys Leu
 128 115 120 125
 131 Ala Gly Cys Ser Gly Arg His Leu
 132 130 135
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 136 <211> LENGTH: 258
 137 <212> TYPE: DNA
 138 <213> ORGANISM: Homo sapiens
 140 <400> SEQUENCE: 5
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 143 atgtatgacc tttcagacag agaattcaaa acagcttgcaggaaact caaagaaaatt 120
 145 caagataaca caaagaagga attcagaatt ctatcagata aatttaacaa acagatcgaa 180
 147 ataattaaaa agaatcaagc agaaattctg gagctaaaaa atgtaatgttgcaggaaact 240
 149 aatgcatacaga tttggctggg catggctggc cacgcctgta atcccagtac tttgggaagc 258
 152 <210> SEQ ID NO: 6
 153 <211> LENGTH: 84
 154 <212> TYPE: PRT
 155 <213> ORGANISM: Homo sapiens
 157 <400> SEQUENCE: 6
 159 Met Thr Ser Pro Asn Glu Leu Asn Lys Ala Pro Gly Thr Asn Pro Gly
 160 1 5 10 15
 163 Glu Thr Glu Met Tyr Asp Leu Ser Asp Arg Glu Phe Lys Thr Ala Ile

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164	20	25	30	
167	Leu Arg Lys Leu Lys Glu Ile Gln Asp Asn Thr Lys Lys Glu Phe Arg			
168	35	40	45	
171	Ile Leu Ser Asp Lys Phe Asn Lys Gln Ile Glu Ile Ile Lys Lys Asn			
172	50	55	60	
175	Gln Ala Glu Ile Leu Glu Leu Lys Asn Val Ile Asp Ile Leu Lys Asn			
176	65	70	75	80
179	Ala Ser Val Ser			
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184	<211> LENGTH: 294			
185	<212> TYPE: DNA			
186	<213> ORGANISM: Homo sapiens			
188	<400> SEQUENCE: 7			
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191	atatatgacc tttcagacac agaattcaaa atagctgtt tgagaaaactc aaagaagaaa	120		
193	ctcaaagaaa ttcaggataa cacagagaag gaattcagaa ttctatcaga taaatttaac	180		
195	aaagagattt aaataattaa aaagaatcaa gcagaaattc tagagttgaa aaatgcaatt	240		
197	gacatgctga ataatgcattt agattatctt catagtagaa ttaatcgaa tttag	294		
200	<210> SEQ ID NO: 8			
201	<211> LENGTH: 96			
202	<212> TYPE: PRT			
203	<213> ORGANISM: Homo sapiens			
205	<400> SEQUENCE: 8			
207	Met Thr Ser Pro Asn Glu Leu Ser Lys Ala Pro Gly Thr Asn Gln Gly			
208	1 5 10 15			
211	Glu Thr Glu Ile Tyr Asp Leu Ser Asp Thr Glu Phe Lys Ile Ala Val			
212	20 25 30			
215	Leu Arg Asn Ser Lys Lys Lys Leu Lys Glu Ile Gln Asp Asn Thr Glu			
216	35 40 45			
219	Lys Glu Phe Arg Ile Leu Ser Asp Lys Phe Asn Lys Glu Ile Glu Ile			
220	50 55 60			
223	Ile Lys Lys Asn Gln Ala Glu Ile Leu Glu Leu Lys Asn Ala Ile Asp			
224	65 70 75 80			
227	Met Leu Asn Asn Ala Ser Asp Tyr Leu His Ser Arg Ile Asn Arg Asn			
228	85 90 95			
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232	<211> LENGTH: 360			
233	<212> TYPE: DNA			
234	<213> ORGANISM: Homo sapiens			
236	<400> SEQUENCE: 9			
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239	atatgtgacc tttcagacca aaaattaaaa atagctgtga tgagggaaact caaagaaatt	120		
241	caagataaca cagagaaaga attcaaaattt ctatcacgtt aatttaacaa aaagatttgg	180		
243	ttaattgaaa ataatcaagc agaaaattttt gagtggaaaa atgcaatttgg cataactgaag	240		
245	aatgcattttt agtcccttaa tagcaatatg tatcaagcag aagacagaat tagtgagctt	300		
247	aaatacaggc tatttggaaaa tacacagtca gaggagacca aaaacaacaa aaaacaatga	360		
250	<210> SEQ ID NO: 10			
251	<211> LENGTH: 118			
252	<212> TYPE: PRT			

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253 <213> ORGANISM: Homo sapiens
 255 <400> SEQUENCE: 10
 257 Met Thr Ser Pro Asn Glu Val Asn Lys Val Pro Met Thr Asn Pro Gly
 258 1 5 10 15
 261 Glu Thr Glu Ile Cys Asp Leu Ser Asp Gln Lys Leu Lys Ile Ala Val
 262 20 25 30
 265 Met Arg Lys Leu Lys Glu Ile Gln Asp Asn Thr Glu Lys Glu Phe Lys
 266 35 40 45
 269 Ile Leu Ser Arg Lys Phe Asn Lys Lys Ile Gly Leu Ile Glu Asn Asn
 270 50 55 60
 273 Gln Ala Glu Ile Leu Glu Leu Lys Asn Ala Ile Gly Ile Leu Lys Asn
 274 65 70 75 80
 277 Ala Ser Glu Ser Phe Asn Ser Asn Met Tyr Gln Ala Glu Asp Arg Ile
 278 85 90 95
 281 Ser Glu Leu Lys Tyr Arg Leu Phe Glu Asn Thr Gln Ser Glu Glu Thr
 282 100 105 110
 285 Lys Asn Asn Lys Lys Gln
 286 115
 289 <210> SEQ ID NO: 11
 290 <211> LENGTH: 360
 291 <212> TYPE: DNA
 292 <213> ORGANISM: Homo sapiens
 294 <400> SEQUENCE: 11
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 297 atatgtgacc tttcagatac agaactcaga ataactgtgt tgagggaaact caatgaaatt 120
 299 aaagataaca cagagatgga attcagaatt ttgtcagata aatttaagaa agagattgaa 180
 301 ataattaaaa ggaatcaagc agaaattctg gagctgaaaa atgcaattgg catactgaag 240
 303 aatgcatacg agttttaaa tagaagaaca gatcaagcag cagaaaaatc tagtgagcct 300
 305 gaagacagac tatttggaaa tacacagagg tctcaaaaga aaaagaataa aaaacaataa 360
 308 <210> SEQ ID NO: 12
 309 <211> LENGTH: 118
 310 <212> TYPE: PRT
 311 <213> ORGANISM: Homo sapiens
 313 <400> SEQUENCE: 12
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 316 1 5 10 15
 319 Glu Thr Glu Ile Cys Asp Leu Ser Asp Thr Glu Leu Arg Ile Thr Val
 320 20 25 30
 323 Leu Arg Lys Leu Asn Glu Ile Lys Asp Asn Thr Glu Met Glu Phe Arg
 324 35 40 45
 327 Ile Leu Ser Asp Lys Phe Lys Lys Glu Ile Glu Ile Ile Lys Arg Asn
 328 50 55 60
 331 Gln Ala Glu Ile Leu Glu Leu Lys Asn Ala Ile Gly Ile Leu Lys Asn
 332 65 70 75 80
 335 Ala Ser Glu Phe Leu Asn Arg Arg Thr Asp Gln Ala Ala Glu Lys Ser
 336 85 90 95
 339 Ser Glu Pro Glu Asp Arg Leu Phe Glu Asn Thr Gln Arg Ser Gln Lys
 340 100 105 110
 343 Lys Lys Asn Lys Lys Gln

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Input Set : E:\WO800.ST25.txt

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344 115
 347 <210> SEQ ID NO: 13
 348 <211> LENGTH: 276
 349 <212> TYPE: DNA
 350 <213> ORGANISM: Homo sapiens
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355	atatgtgacc	tttcagacaa	agaattcaaa	atagctgtgt	tgaagaaaact	caacgaagct	120
357	caagatagca	cagagaagga	attcagaatt	ctatcagata	aatgtAACaa	agacattaaa	180
359	ataattaaaa	agaatcaagc	agaatttctg	aagctgaaag	atgcaattgg	aataactgaag	240
361	gatgcattcag	agtttttaa	tagcagaact	gattga			276

364 <210> SEQ ID NO: 14
 365 <211> LENGTH: 90
 366 <212> TYPE: PRT
 367 <213> ORGANISM: Homo sapiens
 369 <400> SEQUENCE: 14

371	Met	Thr	Ser	Pro	Asn	Glu	Leu	Asn	Lys	Pro	Pro	Gly	Thr	Asn	Pro	Gly
372	1			5				10					15			
375	Glu	Thr	Glu	Ile	Cys	Asp	Leu	Ser	Asp	Lys	Glu	Phe	Lys	Ile	Ala	Val
376				20				25					30			
379	Leu	Lys	Leu	Asn	Glu	Ala	Gln	Asp	Ser	Thr	Glu	Lys	Glu	Phe	Arg	
380		35			40				45							
383	Ile	Leu	Ser	Asp	Lys	Cys	Asn	Lys	Asp	Ile	Lys	Ile	Ile	Lys	Lys	Asn
384		50			55				60							
387	Gln	Ala	Glu	Phe	Leu	Lys	Leu	Lys	Asp	Ala	Ile	Gly	Ile	Leu	Lys	Asp
388		65			70				75				80			
391	Ala	Ser	Glu	Phe	Phe	Asn	Ser	Arg	Thr	Asp						
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395	<210>	SEQ ID NO:	15													
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403	atatgtgacc	tttcagacag	aaaattcaaa	agagctgtgt	tgaagaaaact	caaagaaaatt	120									
405	caaaaatgtct	caaagaagga	attcagaatt	ctattagata	aatttaacag	acagattgaa	180									
407	gtaattaaaa	ataatcaaac	agaaaattatg	gagctaaaa	acgcaattgg	cataactgaaa	240									
409	atgcattcag	gttcttaat	agcagcattg	atcaaacaga	agaaaagaatt	agtgaacctg	300									
411	aagacagcct	atttggaaat	acacagagga	gacaaaagaa	aaaaatataa	aagaatgaag	360									
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424	1			5			10			15						
427	Glu	Thr	Glu	Ile	Cys	Asp	Leu	Ser	Asp	Arg	Lys	Phe	Lys	Arg	Ala	Val
428				20			25			30						

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/537,555

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Input Set : E:\WO800.ST25.txt

Output Set: N:\CRF4\06202006\J537555.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date